

## Key Stage 5 Curriculum Map 2021-22

### Term 3

Subject: Chemistry		Year: Year 12	
Focus/Topic	UAE Links	HPL Links	Home Learning / Guided Reading
<ul style="list-style-type: none"> <li>Consolidation of Organic Chemistry</li> <li>Organic and Physical Practise Assessment</li> </ul>	Relate to the initiative to promote healthy eating in the UAE i.e. counting calories	<b>VAA : Hardworking Practice</b> <i>The ability to train and prepare through repetition of the same processes in order to become more proficient.</i>	Guided Reading/ Exam Practice
<ul style="list-style-type: none"> <li>Physical Chemistry Revision               <ul style="list-style-type: none"> <li>Atomic Structure</li> <li>Amount of Substance</li> <li>Bonding</li> <li>Energetics</li> <li>Kinetics and Equilibrium</li> <li>Oxidation and Reduction</li> </ul> </li> <li>Physical Chemistry Retrieval Assessment</li> </ul>	Link to the metals commonly used in the UAE, consider building materials (link to Burj) or electric cables needed for the lights/ technology	<b>Resilience</b> <i>The ability to overcome setbacks. Remain confident, focused, flexible and optimistic.</i>	Guided Reading/ Exam Practice
<ul style="list-style-type: none"> <li>Inorganic Chemistry Revision               <ul style="list-style-type: none"> <li>Periodicity</li> <li>Group 2</li> <li>Group 7</li> </ul> </li> <li>Inorganic Chemistry Retrieval Assessment</li> </ul>	Link to the simple molecules in the air (oxygen, nitrogen, carbon dioxide) and how this changes with pollution (carbon foot print of the UAE)	<b>VAA : Agile Risk Taking</b> <i>The ability to work with confidence within unfamiliar scenarios</i>	Guided Reading/ Exam Practice
<ul style="list-style-type: none"> <li>Exam practice through the review of exam style questions and marking instructions</li> <li>Practical revision</li> </ul>			Guided Reading/ Exam Practice

**Summer Examination Series Starts 9<sup>th</sup> May 2022**

**CH01 Inorganic and Physical 11 May 2022**

**CH02 Organic and Physical 17 May 2022**